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Textile Organon

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MONTHLY REVIEW

Highlights

U.S. Exports of Man-Made Fiber Fall in Third Quarter to 150.8 Million Pounds . . . see page 171.

U.S. Imports of Man-Made Fiber Rise in September to 18.2 Million Pounds . . . see page 172.

Second Quarter 1983 Import Balance of Man-Made Fiber Manufactures Grows to 101.3 Million Pounds . . . see page 170.

Textile Organon Special Feature: 1983 Listing of U.S. Man-Made Fiber Producers . . . begins on page 163.

Shipments of polyester textile yarn+monofilaments fell in October and shipments of polyester industrial yarn fell to the lowest level since July.

Shipments of nylon yarn to the carpet trades fell in October, but these shipments rose over 37% above the corresponding October 1982 level.

Although shipments of olefin yarn+monofilaments fell in October, for the year to date these shipments rose to a level over 21% above the corresponding January-October period of 1982.

Polyester staple+tow fell in October and shipments of nylon staple+tow fell for the second straight month. Acrylic+modacrylic staple+tow shipments fell in October, but shipments of olefin+vinyon staple+tow rose for the third consecutive month.

ITEM	1983 OCT	1983 SEP	% [a]	1982 OCT	% [b]	YEAR TO DATE 1983	YEAR TO DATE 1982	% [c]
	TOTAL SHIPMENTS MILLION POUNDS & *Percent*							
MAN-MADE FIBER DATA								
YARN+MONOFILAMENTS								
ACETATE	**18.0**	**19.0**	*-5.3*	**15.6**	*+15.4*	**188.4**	**170.6**	*+10.4*
NYLON [d] - INDUSTRIAL	32.1	30.6	*+4.9*	25.5	*+25.9*	258.0	267.9	*-3.7*
- LOW DENIER INDUSTRIAL	3.2	3.1	*+3.2*	2.5	*+28.0*	28.1	24.4	*+15.2*
- CARPET	66.8	71.4	*-6.4*	48.6	*+37.4*	623.2	485.0	*+28.5*
- TEXTILE	32.0	31.5	*+1.6*	28.7	*+11.5*	317.0	275.4	*+15.1*
POLYESTER - INDUSTRIAL	25.9	27.4	*-5.5*	23.2	*+11.6*	255.7	242.3	*+5.5*
- LOW DENIER INDUSTRIAL	2.4	2.1	*+14.3*	1.7	*+41.2*	21.6	18.4	*+17.4*
- TEXTILE	83.3	84.0	*-0.8*	70.6	*+18.0*	841.4	781.4	*+7.7*
OLEFIN	57.2	66.7	*-14.2*	46.9	*+22.0*	600.4	494.3	*+21.5*
TOTAL NONCELLULOSIC ABOVE	**302.9**	**316.8**	*-4.4*	**247.7**	*+22.3*	**2945.4**	**2589.1**	*+13.8*
STAPLE+TOW+FIBERFILL								
RAYON	**30.9**	**32.0**	*-3.4*	**32.8**	*-5.8*	**312.3**	**297.8**	*+4.9*
NYLON [d]	79.5	82.8	*-4.0*	61.2	*+29.9*	765.2	571.1	*+34.0*
ACRYLIC+MODACRYLIC	52.6	58.2	*-9.6*	50.7	*+3.7*	551.4	530.9	*+3.9*
POLYESTER	184.3	208.3	*-11.5*	163.8	*+12.5*	1824.7	1615.8	*+12.9*
OLEFIN+VINYON	18.8	17.3	*+8.7*	12.4	*+51.6*	152.9	120.8	*+26.6*
TOTAL NONCELLULOSIC ABOVE	**335.2**	**366.6**	*-8.6*	**288.1**	*+16.3*	**3294.2**	**2838.6**	*+16.0*

– means no change.

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

d. 1983 data for Nylon exclude Aramid, but Aramid is included in 1982.

Also see footnotes on last page of this issue.

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Textile Organon

Raymond S. Savadge, *President*
Robert P. Antoshak, *Editor*
Rosemarie Frick, *Associate Editor*
Christine Holt, *Production Manager*
Maryellen Acocella, *Subcription Services Manager*
Eileen Ludwig, *Computer Operations Manager*

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DIRECTORY OF U.S. MAN-MADE FIBER PRODUCERS

The 1983 ***Textile Organon*** directory of U.S. man-made fiber producers, which updates and augments the listings presented in the September 1982 and June 1983 issues of the ***Organon***, is featured on pages 163-168.

The directory, it should be noted, presents producer listings in three categories: (1) cellulosic and non-cellulosic fibers (except olefin), (2) olefin fiber and (3) textile glass fiber.

The product arrangement follows the generic fiber nomenclature established by the U.S. Federal Trade Commission; the FTC generic definitions appear on page 163.

The following generic names listed by the FTC do not appear in the directory: anidex, azlon, lastrile, nytril and vinal (not made in this country) and metallic, novoloid and rubber (no attempt is made to list these producers).

CAPTIVE FIBER PRODUCERS

Several olefin and nylon producers consume at least some, if not all, of their fiber output in products they manufacture (such as rope, narrow fabric and industrial goods). This type of fiber production is a "captive" operation and is labeled as such in the directory. Note the definition on page 163.

These captive fiber producers are listed in the directory and their output recorded in all ***Organon*** data surveys because their production is a part of the total man-made fiber supply.

U.S. MAN-MADE FIBER PRODUCERS

ALBANY INTERNATIONAL - MONOFILAMENT PLANT•
EXECUTIVE OFFICE: 156 S. Main Street, Homer, NY 13077
Fluoropolymers Homer, NY *Halar, Kynar, Teflon, Tefzel* (monofil)
Nylon 6, 66, & 612 Homer (monofil)
Polyester Homer (monofil - regular & hydrolysis resistant)

ALLIED CORPORATION, CHEMICAL SECTOR, FIBERS DIVISION
EXECUTIVE OFFICE: 1411 Broadway, New York, NY 10018
REGIONAL SALES: 400 N. Tustin Ave., Santa Ana, CA 92705
1775 The Exchange, Suite 160, Atlanta, GA 30339
2100 Fiber Park Dr., Dalton, GA 30720
Friendship Center Office Park, Suite 108, Greensboro, NC 27409
64 South Miller Rd., Akron, OH 44313
Nylon 6 Columbia, SC & Hopewell, VA *A.C.E., Anso, Anso-Tex, Caprolan, Nypel* (yarn, monofil & staple)
Polyester Moncure, NC *A.C.E.* (yarn & monofil)

AMERICAN ENKA COMPANY A PART OF AKZONA, INC.
EXECUTIVE OFFICE: Enka, NC 28728
REGIONAL SALES: Enka, NC 28728
111 W. 40th St., New York, NY 10018
616 Green Valley Rd., Greensboro, NC 27404
2106 Fiber Park Drive, Dalton, GA 30720
Rayon Lowland, TN *Absorbit, Enkaire, Enkrome, Fiber 700, IT* (staple)
Nylon 6 Enka, NC, Central, SC & Lowland, TN *Anti-Cling Crepeset, Crepeset, Enkalon, Enkalure, Enkasheer, Lurelon, Softalon, T.E.N.,* (yarn & staple)
Polyester Lowland, TN *Crepesoft, Encron, Encron 8, Golden Glow, Golden Touch, Matte Touch, Plyloc, Polyextra, Shanton, Silky Touch, Ultra-Touch* (yarn & staple)

NOTES & DEFINITIONS FOR THE DIRECTORY

This directory separates the listing into (1) the cellulosic plus the noncellulosic fibers (except olefin), (2) olefin fiber and (3) textile glass fiber.

• means that the company produces olefin fiber as well as other man-made fiber(s). For example, Ametek produces olefin fiber (page 165) as well as nylon, polyester & saran (see page 164).

Unless shown separately, the Head Sales Office address is the same as the Executive Office address.

• indicates that a new plant, or facilities for producing a new product at an existing plant, is in the planning or construction stage; such facilities are not expected to be operable before 1984 or later.

The localities shown are the plant sites.

Yarn means filament yarn. No attempt is made to identify high tenacity vs. textile tenacity, nor textured or BCF vs. regular, noncellulosic yarns.

Monofil means an extruded monofilament and may be either a round or a rectangular (ribbon) cross section.

Staple, **tow** and **fiberfill** are self-explanatory.

Captive means that most or all of the fiber produced is consumed by the company in a vertical operation, i.e., little or none of the fiber is for sale as such.

In the olefin entries:

Film includes **Slit**: tape produced by slitting an already attenuated wide sheet of olefin film; and **Split**: fibrillated slit film.

Not included in the survey is the slit "fiber" used for decorative or tying ribbons and such.

Rope includes braided & twisted rope as well as filler or core fiber.

Cordage is under 3/16" and includes tying and harvest (baler & binder) twine.

Carpet Backing is self-explanatory.

Industrial Goods means bags, bale wrap & protective covers, agricultural cloth, tarps & pool covers, etc.

GENERIC NAMES & TRADEMARKS

The generic fiber names used in this survey are mainly those promulgated by the U.S. Federal Trade Commission. Following are those generic names (in **bold type**) and a brief description of the fibers covered by each name.

The *italicized* words are trademarks. All other fiber names are generic and are shown in regular type.

CELLULOSIC (ARTIFICIAL) FIBERS

Acetate. Cellulose acetate. Cigarette filtration tow is excluded.

Triacetate. Cellulose acetate, wherein not less than 92% of the hydroxyl groups are acetylated.

Rayon. Regenerated cellulose, including substitutions for not more than 15% of the hydrogens of the hydroxyl groups. Includes high wet modulus fiber.

The viscose rayon yarns are identified as ind (industrial or high tenacity yarn) and reg (regular or textile yarn).

NONCELLULOSIC (SYNTHETIC) FIBERS

Acrylic. At least 85% acrylonitrile by weight.

Modacrylic. 35% to 84% acrylonitrile by weight, except when it qualifies as rubber.

Nylon. A long-chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings. The types are identified as 6, 66, etc.

Aramid. A long-chain synthetic polyamide in which at least 85% of the amide linkages are attached directly to two aromatic rings.

Olefin. At least 85% ethylene, propylene or other olefin units by weight, except amorphous (noncrystalline) polyolefins qualifying as rubber. **E** means Polyethylene and **P** means Polypropylene. Also see adjoining notes on olefin fiber.

Polyester. At least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalate units, and parasubstituted hydroxybenzoate units.

Saran. At least 80% vinylidene chloride by weight.

Spandex. At least 85% of segmented polyurethane.

Vinyon. At least 85% vinyl chloride by weight.

Not covered in this survey are fibers which would fall under the FTC's generic designations of rubber, metallic and novoloid. Fibers falling under the FTC designations of anidex, azlon, nytril and vinal are not produced in the United States.

TEXTILE GLASS FIBER

A fiber produced in two primary forms, namely continuous strand and staple sliver. Continuous strand is a drawn fiber (i.e., from a textile-type bushing), while staple sliver, which is produced in relatively small amounts, in current practice is a blown fiber. Textile glass fiber thus ***does not*** include the substantial poundages of blown glass wool and pack, e.g., mat for air & liquid filtration, acoustical & thermal insulation, battery mats & separators and underground pipe wrap (except reinforcing).

Yarn & Strand means continuous filament yarn and strand packaged for sale as such. Includes the yarn and strand used in the manufacture of nonwoven scrim for sale as such.

Roving means two or more ends of untwisted strand. Includes spun strand roving (a single, continuous strand looped back on itself to give the equivalent of two or more strands) and roving for making woven roving.

Mat means mat in any nonwoven form as made from a continuous filament, i.e., continuous strand mat (filaments bonded with a suitable binder to form a membrane) and chopped strand mat (½" to 3" strands deposited in a random manner and resin-bonded).

Chopped means chopped yarn, strand or roving (¼" to 3-¾" length).

Milled means hammer-milled yarn, strand or roving (1/32" to ¼" length).

Staple Yarn & Sliver is a blown fiber, as noted, and means ribbons of generally parallel glass staple (3" to 15" random lengths) with or without a filament yarn reinforcement, with or without a binder, and slightly condensed to an approximately uniform cross section.

AMERICAN CYANAMID COMPANY, FIBERS DIVISION
EXECUTIVE OFFICE: One Cyanamid Plaza, Wayne, NJ 07470
REGIONAL SALES: One Penn Plaza, New York, NY 10119
P.O. Box 32787, Charlotte, NC 28232
Acrylic Milton, FL *Creslan* (staple & tow)

AMERICAN HOECHST CORPORATION
EXECUTIVE OFFICE: 202-206 North, Somerville, NJ 08876

HOECHST FIBERS INDUSTRIES DIVISION
EXECUTIVE OFFICE: 1515 Broadway, New York, NY 10036
REGIONAL SALES:
5601-77 Center Drive, Suite 250, Charlotte, NC 28210
California Mart, 110 E. 9th St., Los Angeles, CA 90079
Polyester Spartanburg, SC *Trevira* (yarn, staple & spunbonded)
Delaware City, DE (monofil)

AMETEK INC., SPECIAL FILAMENTS DIVISION•
EXECUTIVE OFFICE: Box 339, Odenton, MD 21113
Nylon 6, 66, 612 & 11 Odenton, MD (monofil)
Polyester Odenton (monofil)
Saran Odenton (monofil)

AVTEX FIBERS INC.
EXECUTIVE OFFICE:
3 Lee Rd. (Chesterbrook), P.O. Box 880, Valley Forge, PA 19482
SALES OFFICE: 1185 Avenue of the Americas, New York, NY 10036
REGIONAL SALES:
1 Fairview Plaza, 5950 Fairview Rd., Suite 501, Charlotte, NC 28210
Acetate Meadville, PA (yarn)
Rayon Front Royal, VA *Aviloc, Avril, Avril II, Avril III, Avril Prima, Fibers 40 & 43* (ind yarn & staple)
Polyester Lewistown, PA *Avlin* (yarn)
Vinyon Meadville (staple)

BADISCHE CORPORATION
EXECUTIVE OFFICE: Williamsburg, VA 23185
REGIONAL SALES: 5505 East Carson St., Lakewood, CA 90713
500 Holiday Avenue, The Badische Building, Dalton, GA 30720
111 West 40th St., New York, NY 10018
Acrylic Williamsburg, VA *Zefran* (staple)
Nylon 6 Anderson, SC *Zeftron* (yarn & staple)
Badische Corp. has carpet yarn spinning plants at Allendale, SC and Sylvania, GA.

BERKLEY & CO. INC.•
EXECUTIVE OFFICE: Highways 9 & 71, Spirit Lake, IA 51360
Nylon 6 Spirit Lake, IA (monofil)

CAMAC CORPORATION•
EXECUTIVE OFFICE: P.O. Box 1004, Bristol, VA 24203
Nylon 6 Bristol, VA *Camalon* (yarn)

CELANESE FIBERS OPERATIONS
A DIVISION OF CELANESE CORPORATION
EXECUTIVE OFFICE: P.O. Box 32414, Charlotte, NC 28232
MARKETER: Celanese Fibers Operations, Marketing,
1211 Avenue of the Americas, New York, NY 10036
REGIONAL SALES: 110 E. 9th St., Room A 1229, Los Angeles, CA 90015
6650 Powers Ferry Rd. N.W., Atlanta, GA 30339
P.O. Box 32414, Charlotte, NC 28232
2950 W. Market St., Akron, OH 44313
Acetate Rock Hill, SC (Celriver) & Narrows, VA (Celco) *Celanese* (yarn, staple & tow)
Triacetate Rock Hill *Arnel* (yarn, staple & tow)

CORTLAND LINE COMPANY
EXECUTIVE OFFICE: 67 E. Court St., P.O. Box 1362, Cortland, NY 13045
Nylon 6 Cortland, NY (monofil - captive)

COURTAULDS NORTH AMERICA INC.
EXECUTIVE OFFICE: 104 West 40th St., New York, NY 10018
REGIONAL SALES: P.O. Box 2648, Mobile, AL 36652
Rayon Le Moyne, Mobile County, AL *Coloray, Fibro* (staple)
Nylon 6 Le Moyne *Courtaulds, Sbareen,* (yarn & monofil)

E. I. DU PONT DE NEMOURS & COMPANY (INC.)•
TEXTILE FIBERS DEPARTMENT•
EXECUTIVE OFFICE: Wilmington, DE 19898
REGIONAL SALES: 5500 Union Pacific Ave., City of Commerce, CA 90022
2 N. La Salle St., Suite 1905, Chicago, IL 60602
350 Fifth Ave., New York, NY 10118
6250 Fairview Rd., Charlotte, NC 28234
2770 W. Market St., Akron, OH 44313
50 North Broadway, Rumford, RI 02916
300 Franklin Bldg., Eastgate Center, Chattanooga, TN 37411
Acrylic Camden, SC & Waynesboro, VA *Orlon* (staple & tow)
Fluorocarbon Richmond, VA *Teflon* TFE- & FEP-fluorocarbon fiber (yarn, monofil, staple, tow & flock)
Nylon 66 Seaford, DE, Camden, SC, Chattanooga, TN and Martinsville, Richmond & Waynesboro, VA *Antron, Cantrece, Cordura, Du Pont, Hyten* (yarn, monofil, staple & tow)
Aramid Richmond *Kevlar* (yarn), *Nomex* (yarn, staple & tow)
Polyester Kinston & Wilmington, NC, Camden & Charleston, SC and Chattanooga & Old Hickory, TN *Dacron, Hollofil* (yarn, staple, tow & fiberfill), *Reemay* (spunbonded), *Sontara* (spunlaced)
Spandex Waynesboro *Lycra* (fused multifil or coalesced monofil)
POLYMER PRODUCTS DEPARTMENT
EXECUTIVE OFFICE: see listing above
Nylon 6, 66, 612 & Polyester Parkersburg, WV *Dacron, Dymetrol, Tynex, Vylor* (monofil of 50 denier & coarser)

EASTMAN KODAK COMPANY
CAROLINA EASTMAN COMPANY
EXECUTIVE OFFICE: Columbia, SC 29202
Polyester Columbia, SC *Kodel* (yarn & staple)

TENNESSEE EASTMAN COMPANY
EXECUTIVE OFFICE: Kingsport, TN 37662
EASTMAN CHEMICAL PRODUCTS, INC.,
FIBERS DIVISION - MARKETER, Kingsport, TN 37662
REGIONAL SALES: California Mart, 110 E. 9th St., Los Angeles, CA 90079
1133 Avenue of the Americas, New York, NY 10036
Acetate Kingsport, TN *Chromspun, Estron* (yarn)
Polyester Kingsport *Kodel* (yarn & staple)

FIBER INDUSTRIES, INC. (subsidiary of Celanese Corporation)
EXECUTIVE OFFICE: P.O. Box 10038, Charlotte, NC 28237
MARKETER: Celanese Fibers Operations, Marketing - see adjacent listing
Polyester Fayetteville, Salisbury & Shelby, NC and Darlington & Greenville, SC *Angelette, ESP, Fortrel, Fortrel 7, Loftguard, PolarGuard, Serene, Superba* (yarn, staple, tow & fiberfill)

FIRESTONE FIBERS & TEXTILES COMPANY
DIVISION OF FIRESTONE TIRE & RUBBER COMPANY
EXECUTIVE OFFICE: P.O. Box 1278, Gastonia, NC 28052
Polyester Hopewell, VA (yarn)

GLOBE MANUFACTURING CO.
EXECUTIVE OFFICE: 456 Bedford St., Fall River, MA 02720
Spandex Fall River, MA & Gastonia, NC *Cleerspan, DC-100, DC-700, Glospan* (fused multifil)

THE GOODYEAR TIRE & RUBBER COMPANY,
CHEMICAL DIVISION
EXECUTIVE OFFICE: Akron, OH 44316
Polyester Scottsboro, AL & Point Pleasant, WV (yarn - captive)

GUILFORD MILLS, GAINESVILLE DIVISION
EXECUTIVE OFFICE: 4925 West Market St., Greensboro, NC 27402
PLANT OFFICE: 455 Osborne St., S.E., Gainesville, GA 30501
Nylon 6 Gainesville, GA (yarn & monofil - captive)

HANOVER MILLS, INCORPORATED
(subsidiary of Falk Fibers & Fabrics Inc.)
EXECUTIVE OFFICE: 2120 Pinecroft Road, Greensboro, NC 27407
REGIONAL SALES: 1450 Broadway, New York, NY 10018
2120 Pinecroft Road, Greensboro, NC 27407
Nylon 6 Yanceyville, NC *Hanover* (yarn & monofil)

JOHNSON FILAMENTS, INC. (subsidiary of JWI Ltd.)
EXECUTIVE OFFICE: Industrial Ave., Williston, VT 95495
Nylon 6/66 Williston, VT (monofil)
Polyester Williston (monofil)

KAYSER-ROTH CORPORATION, YARN PROCESSING DIVISION
EXECUTIVE OFFICE: 2303 W. Meadowview Rd., Greensboro, NC 27407
Nylon 66 Creedmoor, NC (yarn - captive)

MONOFILAMENTS, INC.
EXECUTIVE OFFICE: 1401 Hopeman Pkwy., Waynesboro, VA 22980
Nylon 6/66 Waynesboro, VA (monofil)
Polycarbonate Waynesboro (monofil)
Polyester Waynesboro (monofil)

MONSANTO COMPANY
EXECUTIVE OFFICE: 800 N. Lindbergh Blvd., St. Louis, MO 63167
MONSANTO FIBERS & INTERMEDIATES COMPANY
REGIONAL SALES: 110 E. 9th St., Los Angeles, CA 90015
1401 Dove St., Newport Beach, CA 92663
320 Interstate North Pkwy., Atlanta, GA 30339
Merchandise Mart, 222 North Bank Dr., Chicago, IL 60654
1460 Broadway, 11th Fl., New York, NY 10036
6230 Fairview Rd., Charlotte, NC 28210
260 Springside Dr., P.O. Box 5444, Akron, OH 44313
Acrylic Decatur, AL *Acrilan, Bi-Loft, Fi-Lana, Pa-Qel, Remember, So-Lara* (staple & tow)
Modacrylic Decatur *SEF* (staple & tow)
Nylon 66 Pensacola, FL & Greenwood, SC *Ultron* (yarn, monofil & staple), *Cerex* (spunbonded)
MONSANTO PLASTICS AND POLYMERS COMPANY
SALES OFFICE: 800 N. Lindbergh Blvd., St. Louis, MO 63167
Nylon 66 Pensacola *AstroTurf* (recreational & landscaping surfaces)

NORTH AMERICAN RAYON CORPORATION
EXECUTIVE OFFICE: 1011 Schaub Drive, Raleigh, NC 27606
REGIONAL SALES: 500 Fifth Ave., New York, NY 10110
Rayon Elizabethton, TN (ind & reg yarn and tow)

OMEGA YARNS, INC. (subsidiary of Tietex Corp.)
EXECUTIVE OFFICE:
Blackstock Rd., P.O. Box 6218, Spartanburg, SC 29304
SALES OFFICE: 183 Madison Ave., New York, NY 10017
Polyester Asheboro, NC (yarn)

SHAKESPEARE COMPANY, MONOFILAMENT DIVISION
SALES OFFICE: 1801 Main St., P.O. Box 246, Columbia, SC 29202
Nylon 6/66 Columbia, SC *Sooflex, Superflex S-3, Wonderthread* (monofil)
Polyester Columbia *Shakespeare Wonderthread* (monofil)

STAR FIBERS, INC.
EXECUTIVE OFFICE: 136 Fuller Rd., Albany, NY 12205
REGIONAL SALES: Edgefield, SC 29824
Nylon 6 Edgefield, SC *Starbrite* (staple)

TOLARAM FIBERS, INC.
EXECUTIVE OFFICE: 4 Park Avenue, New York, NY
Polyester Ansonville, NC (yarn)

UNIVERSAL POLYMER PRODUCTS CORPORATION
(subsidiary of Falk Fibers & Fabrics Inc.)
EXECUTIVE OFFICE: see **Hanover Mills.**
REGIONAL SALES: 1450 Broadway, New York, NY 10018
2120 Pinecroft Road, Greensboro, NC 27407
Polyester Fuquay-Varina, NC (yarn & monofil)

WELLMAN, INC., MAN-MADE FIBER DIVISION
EXECUTIVE OFFICE: 75 Federal St., Boston, MA 02110
REGIONAL SALES: 1200 East Morehead St., Charlotte, NC 28204
Nylon 6 Johnsonville, SC *Wellon* (staple & monofil)
Nylon 6/6 Johnsonville *Wellon, Wellstrand* (staple, tow, tops & monofil)
Polyester Johnsonville *Fillwell, Wellene, Wellstrand* (staple, tow & monofil)

OLEFIN FIBER

ACS INDUSTRIES, INC.
EXECUTIVE OFFICE: 71 Villanova St., Woonsocket, RI 02895
PLANT: Woonsocket, RI (P yarn & staple)

ALBANY INTERNATIONAL - MONOFILAMENT PLANT
EXECUTIVE OFFICE: see listing on page 163
PLANT: Homer, NY (P monofil)

AMERICAN MANUFACTURING COMPANY
EXECUTIVE OFFICE: 206 Willow Ave., Honesdale, PA 18431
REGIONAL SALES: 2679 E. El Presidio Street, Long Beach CA 90810
5854 Hollis St., Emeryville, CA 94608
700 East Union St., P.O. Box 52134, Jacksonville, FL 32201
6002 North 51st St., Tampa, FL 33610
P.O. Box 3, Central of Ga. RR Warehouse 5, Savannah, GA 31402
500 Country Club Dr., Bensenville, IL 60106
1523 St. Ferdinand St., New Orleans, LA 70117
139 California St., Newton, MA 02158
1715 South 11th St., St. Louis, MO 63104
1313 Old River Rd., Cleveland, OH 44113
2609 Leeland St., Houston, TX 77003
5050 First Avenue South, Seattle, WA 98134
HONESDALE ROPE DIVISION
PLANT: Honesdale, PA (E & P monofil & film)
LAFAYETTE ROPE DIVISION
PLANT: Lafayette, LA *Amco, American, Bondtie, Floterope* (E & P monofil)

AMETEK INC., SPECIAL FILAMENTS DIVISION
EXECUTIVE OFFICE: see listing on page 164
PLANT: Odenton, MD (E & P monofil)

AMOCO FABRICS COMPANY,
PATCHOGUE PLYMOUTH DIVISION
EXECUTIVE OFFICE: 550 Interstate North Pkwy., Atlanta, GA 30339
REGIONAL SALES: 15377 Del Prado, Hacienda Heights, CA 91745
P.O. Box 911, Dalton, GA 30720
P.O. Box 3545, 604 Sheridan Avenue, Dalton, GA 30720
700 West 1st Street, Lowell, NC 28098
PLANTS: Andalusia & Roanoke, AL, Bainbridge, Hazlehurst & Nashville, GA, Lowell, NC and Afton, VA (P yarn, monofil, film & staple)
The company produces *Needl Bac, Poly Bac* & *Poly Bac FLW* primary carpet backing; *Action Bac* secondary carpet backing; *Propex* industrial goods; and *Marquesa Lana, Patlon* & *Patlon Plus* yarn at these locations.

ARLIN MFG. CO., INC.
EXECUTIVE OFFICE: 239 Industrial Ave., Lowell, MA 01853
PLANT: Lowell, MA (P film)

ARMSTRONG WORLD INDUSTRIES, INC.
EXECUTIVE OFFICE: Lancaster, PA 17604
PLANT: Charlotte, NC (P film - captive)
The company weaves carpet backing here.

BEMIS COMPANY, INC.
EXECUTIVE OFFICE: 800 Northstar Center, Minneapolis, MN 55402
REGIONAL SALES: 2400 S. Second St., St. Louis, MO 63104
90 Park Ave., New York, NY 10016
PLANT: St. Louis, MO (P film)

BERKLEY & CO. INC.
EXECUTIVE OFFICE: see listing on page 164
PLANT: Spirit Lake, IA (E & P monofil - captive)

BLUE MOUNTAIN EXTRUSIONS
EXECUTIVE OFFICE: P.O. Box 100, Anniston, AL 36202
PLANT: Anniston, AL *Gold Medal, Poly Autotwine, Poly Macrame Polylasting, TY-EZ Polytape, Tylon, Tytite* (E & P film cordage and industrial yarn & tape)

BRIDON CORDAGE INC.
EXECUTIVE OFFICE: 909 16th St., Albert Lea, MN 56007
PLANT: Albert Lea, MN (P film cordage)

CAMAC CORPORATION
EXECUTIVE OFFICE: see listing on page 164
PLANT: Bristol, VA (P yarn)

CHASE BAG COMPANY
EXECUTIVE OFFICE: 2 Greenwich Plaza, Greenwich, CT 06830
PLANTS: Orange, CA & New Orleans, LA (P film industrial goods)

THE COLUMBIAN GROUP
DIVISION OF THE COLUMBIAN ROPE COMPANY
EXECUTIVE OFFICE: 1 Columbian Drive, Auburn, NY 13021
REGIONAL SALES: 90 Charter Oak Ave., San Francisco, CA 94124
600 St. George Ave., Jefferson, LA 70181
1003 Medina St., Houston, TX 77012
PLANTS: Jefferson, LA & Auburn, NY *Manipro, Poly K, Poly Twine,* Polypro 6, Radiant Twine (E & P monofil & film)

CONCORDE FIBERS, INC.
EXECUTIVE OFFICE: P.O. Box 200, Highway 45, Jamestown, SC 29453
PLANT: Jamestown, SC (P yarn)

CROWE ROPE COMPANY
EXECUTIVE OFFICE: Warren, ME 04864
PLANT: Warren, ME *Crowelon* (P monofil rope)

CROWN ZELLERBACH CORPORATION,
NONWOVEN FABRICS DIVISION
EXECUTIVE OFFICE: 1 Bush St., San Francisco, CA 94119
SALES HEADQUARTERS: 3720 Grant St., Washougal, WA 98671
PLANT: Washougal, WA *Celestra, Fibretex* (P spunbonded)

E. I. DU PONT DE NEMOURS & COMPANY (INC.)
TEXTILE FIBERS DEPARTMENT
EXECUTIVE OFFICE: see listing on page 164
PLANTS: Old Hickory, TN & Richmond, VA *Typar* (P spunbonded), *Tyvek* (E spunbonded)

ELIZABETH WEBBING MILLS CO., INC.
EXECUTIVE OFFICE: 521 Roosevelt Ave., Central Falls, RI 02862
PLANT: Central Falls, RI (P film)

ENSIGN-BICKFORD INDUSTRIES, INC., FILM FIBERS DIVISION
EXECUTIVE OFFICE: 660 Hopmeadow St., Simsbury, CT 06070
PLANT: Simsbury, CT (P film)

EXXON CHEMICAL AMERICAS,
INDUSTRIAL TEXTILES DIVISION
DIVISION HEADQUARTERS: Hwy. 78 West, Summerville, SC 29483
MARKETING OFFICE: 380 Interstate North, Suite 375, Atlanta, GA 30339
PLANTS: Kingman, KS (P monofil & film cordage)
Summerville, SC (P monofil & film fabrics)
The company also weaves *Baxon* & *Fuzzbak* carpet backing and packaging fabrics at Summerville, SC.

FNT INDUSTRIES, INC.
EXECUTIVE OFFICE: 927 First Street, Menominee, MI 49858
PLANT: Menominee, MI (E monofil)

FIBERS & FABRICS OF GEORGIA, INC.
(subsidiary of Georgia Synthetics, Inc.)
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (E & P yarn, monofil & multifil)
The company also weaves carpet backing here.

FIBERS SOUTH, INC.
EXECUTIVE OFFICES: P.O. Box 189, Trussville, AL 35173
PLANT: Trussville, AL (P yarn, monofil, & tapes)

FIBRON CORPORATION OF TENNESSEE
(subsidiary of Harbour Group Ltd.)
EXECUTIVE OFFICE: Clayton, MO
PLANT: Chattanooga, TN *Fibri-Cord, Fibri-Knit, Fibrilawn, Fibrilon* (P film)

FILAMENT FIBER TECHNOLOGY INCORPORATED
EXECUTIVE OFFICE: 999 Airport Road, Lakewood, NJ 08701
PLANT: Lakewood, NJ (P yarn)

GENERAL FIBERS & FABRICS, INC.
EXECUTIVE OFFICE:
Orchard Hill Rd., LaGrange Industrial Park, LaGrange, GA 30240
PLANT: LaGrange, GA (P film)
The company also weaves *Supertuft* carpet backing as well as bagging and woven polypropylene fabrics here.

GEORGIA SYNTHETICS, INC.
EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (E & P yarn, monofil & multifil)
Also note **FIBERS & FABRICS OF GEORGIA, INC.**

GLADDING CORP., CORDAGE DIVISION
EXECUTIVE OFFICE: Gladding St., South Otselic, NY 13155
PLANT: South Otselic, NY (P monofil)

HERCULES INCORPORATED, FIBERS MARKETING DIVISION
EXECUTIVE OFFICE: 910 Market St., Wilmington, DE 19899
MARKETING HEADQUARTERS: 3169 Holcomb Bridge Rd., Suite 301, Norcross, GA 30071
REGIONAL SALES: 280 Railroad Ave. Greenwich, CT 06830
PLANT: Oxford, GA *Herculon* (P yarn & staple)

THE HOOVEN & ALLISON COMPANY
EXECUTIVE OFFICE: 677 Cincinnati Ave., Xenia, OH 45385
PLANT: Xenia, OH (P film cordage)

JACKSON ROPE COMPANY,
DIVISION OF TUBBS CORDAGE COMPANY
EXECUTIVE OFFICE: see listing under Tubbs Cordage.
PLANT: Austin, TX (P monofil & film)

KELLER INDUSTRIES, INC.
EXECUTIVE OFFICE: 18000 State Rd. #9, North Miami, FL 33162
PLANT: Swainsboro, GA (P monofil - captive)
The company weaves outdoor furniture webbing here.

KIMBERLY-CLARK CORPORATION
EXECUTIVE OFFICE: 1400 Holcomb Bridge Road, Roswell, GA 30076
PLANTS: Corinth, MS, Balfour, NC & Neenah, WI
Accord, Duraguard, Evolution (P spunbonded), *Cyclean* (P spunbonded/meltblown laminate), *Evolution II, Safeguard CPF* (P spunbonded meltblown & P meltblown)

LAMBETH CORPORATION
EXECUTIVE OFFICE: 627 Tarkiln Hill Rd., New Bedford, MA 02745
PLANT: New Bedford, MA *Lambeth* (E & P monofil)

LAWRENCE HOSE COMPANY (a Consolidated Foods Company)
SALES OFFICE: P.O. Box 1838, Burlington, NC 27215
PLANT: Burlington, NC (E monofil - captive)

LORETEX, DIVISION OF OIVIND LORENTZEN, INC.
EXECUTIVE OFFICE: 522 Fifth Ave., New York, NY 10036
REGIONAL SALES:
Northeastern Industrial Park, Guilderland Center, NY 12505
PLANT: Guilderland Center, NY (E film - captive)

MIRAFI INC. (subsidiary of Dominion Textiles)
EXECUTIVE OFFICE: P.O. Box 240967, Charlotte, NC 28224
PLANT: Moultrie, GA (P film - captive)

NSI, INC.
ADMINISTRATIVE OFFICE: Box 658, Soperton, GA 30457
PLANT: Soperton, GA (P film - captive)
The company weaves carpet backing here.

THE OSTERNECK COMPANY
EXECUTIVE OFFICE: P.O. Box 849, Lumberton, NC 28358
PLANT: Lumberton, NC (P film)
The company weaves carpet backing and industrial goods here.

PHILLIPS FIBERS CORPORATION
(subsidiary of Phillips Petroleum Company)
EXECUTIVE OFFICE: P.O. Box 66, Interstate 85, Greenville, SC 29602
REGIONAL SALES: 630 Fifth Ave., New York, NY 10020
PLANTS: Rocky Mount, NC & Spartanburg, SC
Marvess (P yarn, staple & tow)
The company also manufactures *Duon, Petromat, Rufon* and *Supac* nonwoven fabrics at Seneca, SC.

POLYLOOM CORP OF AMERICA
EXECUTIVE OFFICE: 1615 N. Broadway, P.O. Box 289, Dayton, TN 37321
PLANT: Dayton, TN *Polyloom* (P split film)

SARLON INDUSTRIES, INC.
EXECUTIVE OFFICE: 775 N.W. 71st Street, Miami, FL 33150
PLANT: Miami, FL (P monofil & film)

SHUFORD MILLS, INC.
EXECUTIVE OFFICE: Highland Ave. & 15th St., N.E., Hickory, NC 28601
PLANT: Hickory, NC (P film, cordage and twine)

SUNSHINE CORDAGE CORPORATION
EXECUTIVE OFFICE: 7250 N.W. 41st St., Miami, FL 33166
PLANT: Miami, FL *Cala-Line, Oleta, Poncar, Sunshine, Sunylon, Sunypool* (E & P monofil)

SYNTHETIC INDUSTRIES
EXECUTIVE OFFICE: 309 Lafayette Rd., Chickamauga, GA 30707
PLANTS: Chickamauga, GA & Houston, TX (P film - captive)
The company weaves slit film carpet backing and industrial fabrics.

SYNTHETIC INDUSTRIES (TEXAS), INC.
EXECUTIVE OFFICE: P.O. Box 40504, Houston, TX 77040
PLANT: Houston, TX (E & P film)

TUBBS CORDAGE COMPANY
EXECUTIVE OFFICE:
660 Bryant St., P.O. Box 7986, San Francisco, CA 94120
REGIONAL SALES: P.O. Box 709, Orange, CA 92666
2045 No. 15th Ave., Melrose Park, IL 60160
5501 Jefferson Highway, Harahan, Jefferson Parish, LA 70123
1355 West Front St., Plainfield, NJ 07063
1311 Palmer St., Houston, TX 77003
415 South Fidalgo St., Seattle, WA 98108
PLANT: Orange, CA *Loktite* (P monofil & film)
The company's Yarn Division operates carpet yarn spinning facilities at Dos Palos and Porterville, CA.
Also see listing for **JACKSON ROPE COMPANY**

TWINE PRODUCTS CORPORATION
EXECUTIVE OFFICE: 201 Dufossat, P.O. Box 15285, New Orleans, LA 70175
PLANT: New Orleans, LA (P film)

UNITED STATES ROPE COMPANY
EXECUTIVE OFFICE: 711 Hamilton Ave., Menlo Park, CA 94025
PLANT: Menlo Park, CA (P monofil)

WALL INDUSTRIES, INC.
EXECUTIVE OFFICE: P.O. Box G, Beverly, NJ 08010
PLANT: Elkin, NC (E & P monofil rope & cordage)

WALTRICH PLASTIC CORPORATION
EXECUTIVE OFFICE: P.O. Box 19, Route 522, Tennent, NJ 07763
PLANT: Tennent, NJ (P monofil)

WAYN-TEX INC.
EXECUTIVE OFFICE: 901 Delphine Ave., Waynesboro, VA 22980
REGIONAL SALES: 14014 Alondra Blvd., Santa Fe Springs, CA 90670
1805 S. Hamilton St., Dalton, GA 30720
PLANT: Waynesboro, VA *Beamette, Waynfil* (E & P yarn & monofil & P film)
The company also weaves *Wayntuf* primary carpet backing, *Waynlok* secondary carpet backing and *Waynlon* industrial fabrics here.

WELLINGTON PURITAN MILLS (MONTAIR DIV.)
EXECUTIVE OFFICE: Nelson St., Pilot Mountain, NC 27041
PLANT: Pilot Mountain, NC *Pur-Ty, Welltite* (E & P monofil & film)

WELLINGTON SYNTHETIC FIBRES, INC.
EXECUTIVE OFFICE: 52 Courtland St., Paterson, NJ 07503
PLANTS: Leesville & Summerville, SC (P yarn & monofil)
The company also weaves outdoor furniture webs at Leesville.

In addition to the above company listings, the following companies are known to produce olefin yarn and/or staple: **Beaulieu**, Dalton, GA; **Burlington**, Greensboro, NC; **Cavalier Carpet**, Dalton, GA (yarn); **Color Trend**, Dalton, GA (yarn); **Cutlass Carpet**, Dalton, GA (yarn); **Diamond Carpet**, Chatsworth, GA (yarn);**Integrated Products**, Rome, GA; **J & J Industries**, Dalton GA; and **Southern Weaving**, Greenville, SC.

The following companies are also producing a variety of textile products from olefin: **Conwed Corp.** Conwed Plastic Netting (P embossed film for netting); **E.I. du Pont de Nemours & Company (Inc.)** (E & P embossed film for netting); **Hercules Incorporated, Polymers Division** *Delnet* (E embossed film for netting); **Nalle Inc.** (P embossed film for netting); **Riegel Products Corporation** *Polyweb* (P meltblown); and **The 3M Company** (P spunbonded).

TEXTILE GLASS FIBER

CERTAINTEED CORPORATION
FIBER GLASS REINFORCEMENTS DIVISION
EXECUTIVE OFFICE: P.O. Box 860, Valley Forge, PA 19482
REGIONAL SALES: P.O. Box 736, Bessemer, AL 35023
205-B Main Street, Suite 1, Pleasanton, CA 94566
1801 E. Parkcourt St., Bldg. E, Suite 103, Santa Ana, CA 92701
6 Ingham Hill Road, Essex, CT 06425
1300 S. Harbor City Blvd., Suite 1, Melbourne, FL 32901
854 Fairway Drive, Bensenville, IL 60106
1450 Souter St., Troy, MI 48083-2986
1540 S. Holland-Sylvania Road, Maumee, OH 43537
2727 E. 21st Street, Suite 600, Tulsa, OK 74114
1400 Union Meeting Road, Blue Bell, PA 19422
P.O. Box 5419, Spartanburg, SC 29304
4811 Lebanon Road, Hermitage, TN 37076
1401 Pioneer Parkway West, Arlington, TX 76013
9317 N.E. Highway 99, Unit D, Vancouver, WA 98665
PLANT: Wichita Falls, TX (roving, woven roving, mat, chopped strand & combination product)

F.G.I. FIBERS, INC.
EXECUTIVE OFFICE: Homestead Place, Amsterdam, NY 12010
PLANT: Amsterdam, NY (roving & chopped)

LUNDY TECHNICAL CENTER
EXECUTIVE OFFICE: Pompano Beach, FL 33064
PLANT: Pompano Beach, FL *RoMHOglas* (metallized glass fiber roving & strand and nonwoven metallized glass mat)

MANVILLE CORPORATION, FILTRATION & MINERALS DIVISION
EXECUTIVE OFFICE: P.O. Box 5108, Ken-Caryl Ranch, Denver, CO 80217
REGIONAL SALES: 7500 Dutch Rd., Waterville, OH 43566
PLANTS: Waterville, OH & Etowah, TN *Chop-Pak* (mat, chopped strand and staple yarn & sliver)

NICOFIBERS INC.
EXECUTIVE OFFICE: Ironpoint Rd., Shawnee, OH 43782
PLANT: Shawnee, OH *Conformat, Consurmat, Surmat* (mat)

PPG INDUSTRIES, INC., FIBER GLASS PRODUCTS
EXECUTIVE OFFICE: One PPG Place, Pittsburgh, PA 15272
REINFORCEMENT PRODUCTS:
REGIONAL SALES: 1700 E. Dyer Rd., Suite 200, Santa Ana, CA 92705
880 Johnson Ferry Rd., N.E., Suite 220, Atlanta, GA 30342
4015 Executive Park Dr., Suite 100, Cincinnati, OH 45241
AUTOMOTIVE SALES OFFICE:
2155 West Big Beaver Rd., P.O. Box 3510, Troy, MI 48084
TEXTILE PRODUCTS:
30 Tower Lane, Avon Park South, Avon, CT 06001
1601 East Garrison Blvd., Suite 210, Gastonia, NC 28052
322 Park Ave., Scotch Plains, NJ 07076
PLANTS: Lexington & Shelby, NC *Azdel* (yarn, roving, mat, chopped strand, woven roving & rubber reinforcements)

OWENS-CORNING FIBERGLAS CORPORATION
EXECUTIVE OFFICE: Fiberglas Tower, Toledo, OH 43659
REGIONAL SALES: 5933 Telegraph Road, Los Angeles, CA 90040
477 Forbes Blvd., S. San Francisco, CA 94080
2700 Augustine Dr., Suite 178, Santa Clara, CA 95051
4019 Woodcock Dr., Suite 109, Jacksonville, FL 32207
470 NE 185th Street, N. Miami Beach, FL 33179
4950 W. Kennedy Blvd., Suite 301, Tampa, FL 33609
1155 Hammond Dr., Bldg. C - Suite 3210, Atlanta, GA 30328
2805-B Lincoln Ave., Evansville, IN 47114
2215 Sanders Rd., Northbrook, IL 60062
4410 Executive Blvd., Ft. Wayne, IN 46808
9000 Keystone Crossing, Suite 965, Indianapolis, IN 46240
Corporate Woods, 9300 W. 110th St., Bldg. 55-Suite 200, Overland Park, KS 66210
10401 Linn Station Rd., Suite 235, Louisville, KY 40223
25 Braintree Hill Park, Suite 305, Braintree, MA 02184
1055 36th St. S.E., Grand Rapids, MI 49508
2075 W. Big Beaver Rd., Suite 500, Troy, MI 48084
One Appletree Square, Suite 1252, Bloomington, MN 55420
700 White Plains Rd., Scarsdale, NY 10583
2200 Victory Pkwy., Cincinnati, OH 45206
5700 Pearl Rd., Suite 104, Cleveland, OH 44129
997 Old Eagle School Rd., Wayne, PA 19087
Two Maryland Farms, Suite 236, Brentwood, TN 37027
12880 Hillcrest, Suite 100, Dallas, TX 75230
256 North Belt East, Suite 100, Houston, TX 77060
12301 N.E. 10th Place, Bellevue, WA 98005
Mayfair Bank Tower, Suite 150, 2300 N. Mayfair Rd., Milwaukee, WI 53226
PLANTS: Huntington, PA, Aiken & Anderson, SC, Jackson, TN & Amarillo, TX *Araton, Beta, Bi-Ply, Fiberglas, S-Glass, S-2 Glass* (yarn, roving, woven roving, mat, chopped & milled)

REICHHOLD CHEMICALS, INC.
EXECUTIVE OFFICE: 525 N. Broadway, White Plains, NY 10603
REGIONAL SALES: 107 S. Motor Ave , Azusa, CA 91702
814 Commerce Drive, Oak Brook, IL 60521
P.O. Box 7212, Louisville, KY 40207
P.O. Box A, Andover, MA 01810
601-707 Woodward Heights Blvd., Detroit, MI 48220
P.O. Box 11051, Charlotte, NC 29209
8955 Katy Freeway, Suite 102, Houston, TX 77018
2340 Taylor Way, Tacoma, WA 98401
GLASS FIBERS DIVISION
PLANTS: 6230 Irwindale Ave., Box 2148, Irwindale, CA 91706 *Chemglas* (roving, chopped & milled)
Fiber Glass Road, Nashville, TN 37210 (roving, woven roving, mat, chopped & milled)

LOCATION OF U.S. MAN-MADE FIBER PRODUCT-PRODUCING PLANTS

STATES & AREA	CELLULOSIC	NONCELLULOSIC						TEXTILE GLASS	GRAND TOTAL
		ACRYL	NYLON	OLEFIN	POLYESTER	OTHER	TOTAL		
NEW ENGLAND									
CONNECTICUT				1			1		1
MAINE				1			1		1
MASSACHUSETTS				2		1	3		3
RHODE ISLAND				2			2		2
VERMONT			1		1		2		2
TOTAL N.E.			**1**	**6**	**1**	**1**	**9**		**9**
MID-ATLANTIC									
DELAWARE			1		1		2		2
MARYLAND			1	1	1	1	4		4
NEW JERSEY				2			2		2
NEW YORK			2	4	1	1	8	1	9
PENNSYLVANIA	1			1	1	1	3	1	5
TOTAL MID-ATL.	**1**		**4**	**8**	**4**	**3**	**19**	**2**	**22**
PIEDMONT									
N. CAROLINA			3	10	9	1	23	2	25
S. CAROLINA	1	1	8	6	8		23	2	26
VIRGINIA	2	2	6	4	2	3	17		19
WEST VIRGINIA			1		1		2		2
TOTAL PIEDMONT	**3**	**3**	**18**	**20**	**20**	**4**	**65**	**4**	**72**
SOUTH									
ALABAMA	1	1	1	4	1		7		8
FLORIDA		1	1	2			4	1	5
GEORGIA			1	18			19		19
LOUISIANA				4			4		4
MISSISSIPPI				1			1		1
TENNESSEE	3		2	3	4		9	3	15
TEXAS				3			3	2	5
TOTAL SOUTH	**4**	**2**	**5**	**35**	**5**		**47**	**6**	**57**
MID-WEST & WEST									
CALIFORNIA				3			3	1	4
IOWA			1	1			2		2
KANSAS				1			1		1
MICHIGAN				1			1		1
MINNESOTA				1			1		1
MISSOURI				1			1		1
OHIO				1			1	2	3
WASHINGTON				1			1		1
WISCONSIN				1			1		1
TOTAL WEST			**1**	**11**			**12**	**3**	**15**
TOTAL # OF PLANTS	**8**	**5**	**29**	**80**	**30**	**8**	**152**	**15**	**175**
TOTAL # OF STATES	**5**	**4**	**13**	**27**	**11**	**6**	**30**	**9**	**30**

Cellulosic includes rayon, acetate & triacetate; Acryl means acrylic & modacrylic; Nylon includes aramid.

Other noncellulosic includes 1 fluorocarbon, 1 fluoropolymer, 1 polycarbonate, 1 saran, 3 spandex and 1 vinyon.

U.S. IMPORTS, EXPORTS, & BALANCE OF MAN-MADE FIBER MANUFACTURES

MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE[a]
1973	465.3	288.2	177.1 **I**
1974	371.2	390.7	19.5 **E**
1975	400.4	322.4	78.0 **I**
1976	479.5	352.2	127.3 **I**
1977	530.7	367.6	163.1 **I**
1978	642.6	441.7	200.9 **I**
1979	525.0	596.6	71.6 **E**
1980	540.6	771.5	230.9 **E**
1981	639.1	637.7	1.4 **I**
1982	698.0	438.5	259.5 **I**

Source: Cotton and Wool Outlook & Situation, a publication of the U.S. Department of Agriculture.

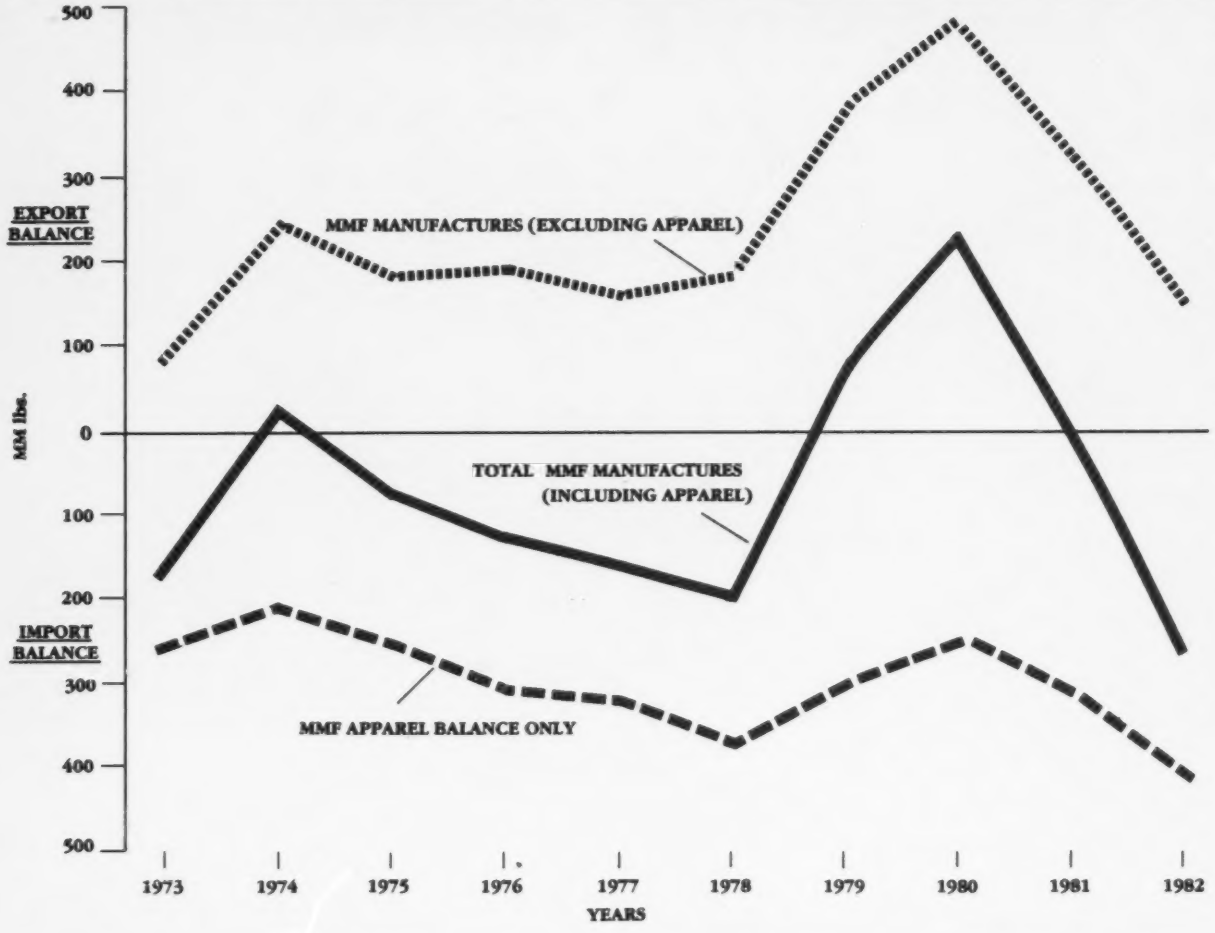
a. I means a net import balance; E is a net export balance.

REVIEW OF U.S. IMPORT/EXPORT BALANCE OF MAN-MADE FIBER MANUFACTURES

As a supplement to the quarterly import/export trade balance table on page 170, it is important to highlight the significant impact of apparel (garment) imports on the U.S. trade of man-made fiber manufactures.

The table opposite summarizes the trade of man-made fiber manufactures for the period 1973-1982. With the apparel imports included, there have been export trade balances for just three years.

U.S. IMPORT & EXPORT BALANCE OF MAN-MADE FIBER MANUFACTURES



However, the impact of apparel imports on the trade of man-made fiber manufactures becomes clear when apparel (garment) imports are removed from the trade data series.

As is exhibited on the table and graph on this page, excluding apparel imports, there would have been major export trade balances in each of the years covered. With the exception of 1973, export trade balances would have exceeded 150 million pounds per year.

U.S. IMPORTS, EXPORTS, & BALANCE OF MAN-MADE FIBER MANUFACTURES (EXCEPT APPAREL)

MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE
1973	178.4	263.4	85.0 E
1974	119.2	357.6	238.4 E
1975	111.4	290.6	179.2 E
1976	135.1	317.8	182.7 E
1977	164.6	327.3	162.7 E
1978	217.0	393.1	176.1 E
1979	165.2	536.1	370.9 E
1980	162.0	644.4	482.4 E
1981	202.0	517.0	315.0 E
1982	211.5	363.3	151.8 E

U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES, COTTON MANUFACTURES & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	1ST Q 1982			2ND Q 1982			3RD Q 1982			4TH Q 1982			1ST Q 1983			2ND Q 1983		
	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]
CELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	2.0	7.4	5.4 E	2.1	4.5	2.4 E	1.6	6.0	4.4 E	1.3	4.2	2.9 E	2.0	5.1	3.1 E	2.0	3.4	1.4 E
STAPLE+TOW[b]	3.8	14.7	10.9 E	2.7	14.9	12.2 E	4.1	17.4	13.3 E	2.8	19.9	17.1 E	2.3	8.6	6.3 E	4.1	18.7	14.6 E
WASTE	0.1	1.0	0.9 E	0.2	1.3	1.1 E	0.1	0.4	0.3 E	0	0.5	0.5 E	+	0.4	0.4 E	0.1	0.2	0.1 E
SUBTOTAL ABOVE	**5.9**	**23.1**	**17.2 E**	**5.0**	**20.7**	**15.7 E**	**5.8**	**23.8**	**18.0 E**	**4.1**	**24.6**	**20.5 E**	**4.3**	**14.1**	**9.8 E**	**6.2**	**22.3**	**16.1 E**
NONCELLULOSIC FIBERS																		
YARN+MONOFILAMENTS	4.2	109.3	105.1 E	4.9	114.8	109.9 E	6.9	62.4	55.5 E	7.8	59.8	52.0 E	9.1	64.4	55.3 E	11.2	61.3	50.1 E
STAPLE+TOW	9.6	148.6	139.0 E	10.7	85.6	74.9 E	15.4	87.0	71.6 E	15.4	89.8	74.4 E	18.8	88.6	69.8 E	24.2	88.8	64.6 E
WASTE	10.3	28.5	18.2 E	10.4	23.9	13.5 E	9.3	13.7	4.4 E	7.8	20.0	12.2 E	9.0	18.0	9.0 E	10.8	16.3	5.5 E
SUBTOTAL ABOVE	**24.1**	**286.4**	**262.3 E**	**26.0**	**224.3**	**198.3 E**	**31.6**	**163.1**	**131.5 E**	**31.0**	**169.6**	**138.6 E**	**36.9**	**171.0**	**134.1 E**	**46.2**	**166.4**	**120.2 E**
TOTAL FIBER ABOVE[c]	**30.0**	**309.5**	**279.5 E**	**31.0**	**245.0**	**214.0 E**	**37.4**	**186.9**	**149.5 E**	**35.1**	**194.2**	**159.1 E**	**41.2**	**185.1**	**143.9 E**	**52.4**	**188.7**	**136.3 E**
MAN-MADE FIBER MANUFACTURES[d]																		
SLIVER, TOPS & ROVING	1.0	2.5	1.5 E	0.3	1.2	0.9 E	1.0	1.9	0.9 E	0.4	1.1	0.7 E	1.4	1.1	0.3 I	1.5	1.0	0.5 I
SPUN YARNS	6.1	7.6	1.5 E	8.7	8.2	0.5 I	9.0	6.5	2.5 I	9.4	5.9	3.5 I	7.8	2	0.6 I	10.2	7.6	2.6 I
THREAD & CRAFT YARNS	0.6	1.4	0.8 E	0.6	1.6	1.0 E	0.4	1.0	0.6 E	0.7	1.3	0.6 E	0.8	1.3	0.5 E	0.8	1.4	0.6 E
TIRE CORD & FABRIC	0.1	8.6	8.5 E	+	7.7	7.7 E	0.3	6.2	5.9 E	0.7	5.3	4.6 E	0.6	4.4	3.8 E	0.5	5.2	4.7 E
WOVEN FABRIC	21.2	31.3	10.1 E	24.6	36.1	11.5 E	26.1	31.3	5.2 E	21.4	33.9	12.5 E	25.1	28.3	3.2 E	34.9	29.0	5.9 I
KNIT FABRIC	0.6	3.6	3.0 E	0.6	3.5	2.9 E	0.6	4.2	3.6 E	0.5	4.3	3.8 E	0.5	3.5	3.0 E	0.5	3.5	3.0 E
NARROW FABRICS	2.4	6.3	3.9 E	3.2	7.5	4.3 E	2.5	6.7	4.2 E	2.0	6.1	4.1 E	3.7	5.1	1.4 E	3.2	6.4	3.2 E
APPAREL - KNIT	34.2	21.5	81.2 I	45.7	21.3	97.6 I	65.8	17.9	135.0 I	47.4	14.5	97.5 I	48.0	17.6	105.2 I	64.5	17.0	126.1 I
- NOT KNIT	68.5			73.2			87.1			64.6			74.8			78.6		
HOME FURNISHINGS[e]	14.3	17.3	15.8 E	17.2	19.8	18.0 E	19.0	14.1	8.2 E	16.0	14.7	12.0 E	23.2	15.7	7.3 E	28.7	36.5	22.3 E
OTHER		12.8			15.4			13.1			13.3			14.8			14.5	
TOTAL MANUFACTURES	**149.0**	**112.9**	**36.1 I**	**174.1**	**122.3**	**51.8 I**	**211.8**	**102.9**	**108.9 I**	**163.1**	**100.4**	**62.7 I**	**185.9**	**99.0**	**86.9 I**	**223.4**	**122.1**	**101.3 I**
TOTAL MAN-MADE FIBER & MANUFACTURES	**179.0**	**422.4**	**243.4 E**	**205.1**	**367.3**	**162.2 E**	**249.2**	**289.8**	**40.6 E**	**198.2**	**294.6**	**96.4 E**	**227.1**	**284.1**	**57.0 E**	**275.8**	**310.8**	**35.0 E**
COTTON MANUFACTURES[f]	**211.5**	**65.4**	**146.1 I**	**221.3**	**73.3**	**148.0 I**	**250.0**	**59.1**	**190.9 I**	**214.4**	**55.6**	**158.8 I**	**273.8**	**56.0**	**217.8 I**	**265.2**	**55.6**	**209.6 I**
WOOL MANUFACTURES[g]	**21.8**	**3.1**	**18.7 I**	**29.6**	**3.5**	**26.1 I**	**37.0**	**2.9**	**34.1 I**	**23.9**	**2.5**	**21.4 I**	**25.0**	**10.8**	**14.2 I**	**35.5**	**13.5**	**22.0 I**

SOURCES: The man-made fiber import and export data are from the U.S. Bureau of the Census. The man-made, cotton and wool manufactures data are from *Cotton and Wool Outlook & Situation*, a publication of the U.S. Department of Agriculture.

The total man-made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only; textile glass fiber is excluded.

a. **E** means a net export balance; **I** is a net import balance.

b. Acetate tow is excluded.

c. The fibers included are shown as "Total Man-Made Fiber Above" on page 171 of this issue for exports and page 175 of this issue for imports.

d. Man-made fiber equivalent.

e. These import data do not reflect significant poundages of luggage. On a monthly basis, from May 1982 - June 1983, the poundages are (in millions of pounds): 8.0, 17.9, 17.2, 17.2, 14.0, 12.3, 12.6, 10.0, 12.9, 12.6, 14.5, 12.5, 13.0 & 15.7.

f. Raw cotton equivalent. Data are similar to those on page 39 of the March ***Textile Organon***.

g. Raw wool content. The data differ from those on page 39 of the March ***Textile Organon*** to the extent that noils and waste are included here.

U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1982 1ST Q	1982 2ND Q	1982 3RD Q	1982 4TH Q	1982 YEAR	1983 1ST Q	1983 2ND Q	1983 3RD Q	1983 4TH Q	1983 YEAR
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	132	72	34	164	402	74	103	16		
OTHER[b]	310.0026	7194	4450	5912	4062	21618	5019	3332	3803		
MONOFILAMENTS	309.0110	2	9	1	3	15	11	4	5		
STRIPS	309.2210	66	5	32	2	105	0	12	5		
SUBTOTAL ABOVE		**7394**	**4536**	**5979**	**4231**	**22140**	**5104**	**3451**	**3829**		
STAPLE+TOW - RAYON	309.4222	13772	14001	16905	18693	63371	7979	17999	8811		
STAPLE - ACETATE	309.4219	919	931	551	1241	3642	593	688	417		
SUBTOTAL ABOVE		**14691**	**14932**	**17456**	**19934**	**67013**	**8572**	**18687**	**9228**		
WASTE, ADVANCED & NOT ADVANCED	309.7400	1007	1262	385	539	3193	361	161	239		
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	9779	9643	11021	8986	39429	10913	10917	9730		
- HIGH TENACITY[c]	310.0027	13520	12582	10156	12138	48396	14240	14383	12544		
- OTHER	310.0029	3785	3340	1801	2863	11789	3587	3825	3932		
POLYESTER - TEXTURED	310.0010	63471	71864	26029	21571	182935	22202	18265	12050		
- HIGH TENACITY[c]	310.0032	5134	3747	2726	2145	13752	3369	3541	3191		
- OTHER[d]	310.0034	2902	4506	1611	1160	10179	1123	885	728		
OTHER - TEXTURED	310.0014	3235	2847	4117	5453	15652	3147	3370	3445		
- OLEFIN	310.0040	224	447	166	287	1124	246	161	168		
- OTHER	310.0044	1371	1327	508	685	3891	715	1407	725		
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	1142	1119	695	1468	4424	797	378	439		
POLYESTER[e]	309.0140	1919	700	1065	558	4242	540	769	871		
OTHER	309.0170	2085	2025	1880	2195	8185	2501	2612	2146		
STRIPS	309.2220 & .2270	799	634	620	313	2366	1047	802	575		
SUBTOTAL ABOVE		**109366**	**114781**	**62395**	**59822**	**346364**	**64427**	**61315**	**50544**		
STAPLE - NYLON	309.4240	4018	3694	3459	4203	5374	3438	2806	3115		
- POLYESTER	309.4242	90356	30164	32374	36690	189584	30316	33213	13408		
- ACRYLIC	309.4245	32810	31987	31585	30235	126617	32262	31589	25346		
- OLEFIN	309.4246	522	948	2668	3478	7616	845	1033	961		
- OTHER	309.4247	4395	4436	2813	3766	15410	3446	3409	2050		
GROUPED FILAMENTS											
NYLON	309.3220	1539	1313	1174	940	4966	691	1136	822		
POLYESTER[d]	309.3240	9528	6684	6780	5141	28133	9453	6876	5731		
ACRYLIC	309.3250 & .3255	5472	6363	6168	5319	23322	8204	8701	8994		
SUBTOTAL ABOVE		**148640**	**85589**	**87021**	**89772**	**411022**	**88655**	**88763**	**60427**		
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	3542	2759	1291	4214	11806	1737	2649	3424		
POLYESTER	309.7630	17204	14920	8281	10498	50903	11042	10247	8456		
ACRYLIC	309.7640	574	651	228	260	1713	276	404	600		
OTHER	309.7660	7146	5564	3939	5005	21654	4930	3048	4151		
SUBTOTAL ABOVE		**28466**	**23894**	**13739**	**19977**	**86076**	**17985**	**16348**	**16631**		
TOTAL MAN-MADE FIBER ABOVE		**309564**	**244994**	**186975**	**194275**	**935808**	**185104**	**188725**	**140898**		
TEXTILE GLASS FIBER	309.2700 & .9700	11318	11981	11246	9169	43714	10333	8804	9860		
GRAND TOTAL ABOVE		**320882**	**256975**	**198221**	**203444**	**979522**	**195437**	**197529**	**150758**		

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS 1979	1980	1981	1982	6 MOS 1983	THOUSAND DOLLARS 1979	1980	1981	1982	6 MOS 1983
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	3456	2585	357	402	177	4564	3574	594	655	344
OTHER[b]	310.0026	26770	24130	23914	21618	8351	24886	28135	27329	24490	8657
MONOFILAMENTS	309.0110	521	149	90	15	15	645	343	212	90	86
STRIPS	309.2210	43	66	346	105	12	58	61	273	96	13
SUBTOTAL ABOVE		**30790**	**26930**	**24707**	**22140**	**8555**	**30153**	**32113**	**28408**	**25331**	**9100**
STAPLE+TOW - RAYON	309.4222	96844	64817	55156	63371	25978	55706	44031	39032	41063	16483
STAPLE - ACETATE	309.4219	9663	6255	7004	3642	1281	7433	6145	4323	3277	1492
SUBTOTAL ABOVE		**106507**	**71072**	**62160**	**67013**	**27259**	**63139**	**50176**	**43355**	**44340**	**17975**
WASTE, ADVANCED & NOT ADVANCED	309.7400	9551	6090	2799	3193	522	3684	2872	1358	1397	195
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	44797	53773	69600	39429	21830	63662	72940	107096	62179	31074
- HIGH TENACITY[c]	310.0027	46287	57804	57400	48396	28623	43503	63637	72569	57259	31306
- OTHER	310.0029	21223	24967	19424	11789	7412	31528	42082	37980	23987	15992
POLYESTER - TEXTURED	310.0010	85579	114910	236152	182935	40467	105864	141835	286022	227816	49304
- HIGH TENACITY[c]	310.0032	22407	23202	23440	13752	6910	24507	27660	31474	17846	8825
- OTHER[d]	310.0034	8616	7493	11759	10179	2008	9391	8793	13226	10221	3428
OTHER - TEXTURED	310.0014	9993	19005	11751	15652	6517	12163	23056	15085	19147	8004
- OLEFIN	310.0040	1990	2520	2603	1124	407	1998	2999	3312	1643	601
- OTHER	310.0044	5050	5265	5231	3891	2122	17181	18734	21738	19335	13280
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	14916	15307	7786	4424	1175	30001	30834	20698	14193	4914
POLYESTER[e]	309.0140	21349	18985	7163	4242	1309	24923	21987	11903	8662	3131
OTHER	309.0170	5927	8665	6560	8185	5113	18693	28813	23244	28295	9915
STRIPS	309.2220 & .2270	2688	3427	4555	2366	1849	4566	5181	6635	4642	2982
SUBTOTAL ABOVE		**290922**	**355323**	**463424**	**346364**	**125742**	**387980**	**488551**	**650982**	**495225**	**182756**
STAPLE - NYLON	309.4240	33857	29306	27556	15374	6244	29779	30141	33825	19751	8291
- POLYESTER	309.4242	307246	447290	522681	389584	63529	165284	285737	361110	134073	36243
- ACRYLIC	309.4245	181112	145172	156661	126617	63851	109404	103264	114359	91350	43479
- OLEFIN	309.4246	6910	3275	1758	7616	1878	6304	2371	1491	3663	1211
- OTHER	309.4247	16749	17751	18033	15410	6855	19391	25654	31381	29336	14449
GROUPED FILAMENTS											
NYLON	309.3220	10614	7282	4561	4966	1827	13816	11747	9625	11281	4555
POLYESTER[d]	309.3240	78566	54880	26777	28133	16329	69067	50247	28444	28075	14824
ACRYLIC	309.3250 & .3255	23281	27517	32655	23322	16905	18389	20408	25940	19341	14277
SUBTOTAL ABOVE		**658335**	**732473**	**790682**	**411022**	**177418**	**431434**	**529569**	**606175**	**336870**	**137329**
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	18034	14520	13938	11806	4386	7514	9050	8903	7648	2403
POLYESTER	309.7630	77424	61153	54117	50903	21289	32029	25592	20814	21091	8757
ACRYLIC	309.7640	4807	2352	4795	1713	680	1223	801	1552	610	307
OTHER	309.7660	37478	38395	34415	21654	7978	11950	13965	13433	10206	3416
SUBTOTAL ABOVE		**137743**	**116420**	**107265**	**86076**	**34333**	**52716**	**49408**	**44702**	**39555**	**14883**
TOTAL MAN-MADE FIBER ABOVE		**1233748**	**1308308**	**1451037**	**935808**	**373829**	**969106**	**1152689**	**1374980**	**942718**	**362238**
TEXTILE GLASS FIBER	309.2700 & .9700	47494	54407	38934	43714	19137	38867	54269	41642	39861	17568
GRAND TOTAL ABOVE		**1281242**	**1362715**	**1489971**	**979522**	**392966**	**1007973**	**1206958**	**1416622**	**982579**	**379806**

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and tire cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1979	1980	1981	1982	6 MOS 1983	1979	1980	1981	1982	6 MOS 1983
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	2695	912	309	561	256	3903	1668	505	857	290
OTHER	310.0130 & .0230[a]	10495	7380	10373	6437	3620	13111	12222	15748	10381	5731
MONOFILAMENTS	309.0310 & .0610	--	0	4	2	+	1	0	32	10	1
STRIPS, $1/LB & UNDER	309.2000 *	81	10	33	27	133	52	16	28	15	101
SUBTOTAL ABOVE		**13271**	**8302**	**10719**	**7027**	**4009**	**17067**	**13906**	**16313**	**11263**	**6123**
STAPLE	309.4320 & .4325	13949	7998	14626	11939	5996	8042	5653	10348	8383	3807
GROUPED FILAMENTS	309.3010 & .3110	2580	2308	2137	1469	382	3677	5023	2211	2342	562
SUBTOTAL ABOVE		**16529**	**10306**	**16763**	**13408**	**6378**	**11719**	**10676**	**12559**	**10725**	**4369**
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	803	339	519	395	177	314	146	291	170	96
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON	310.0109 & .0209	953	3154	3827	4744	2105	1128	4089	7103	8157	3817
- POLYESTER	310.0110 & .0210	1083	337	768	510	392	1589	780	939	563	550
- OTHER	310.0114 & .0214	153	195	492	4340	3942	360	373	895	5580	4532
OTHER - NYLON	310.0149 & .0249	6105	3572	3976	5533	5719	8310	5687	6147	7941	7052
- POLYESTER	310.0150 & .0250	7579	6672	5441	5263	5567	10230	9906	7082	7584	7186
- OTHER	310.0170 & .0270[b]	1346	1417	1595	1639	1501	2545	3149	3151	4854	3849
MONOFILAMENTS	309.0200 & .0330[c]	2365	4038	2615	1497	767	6967	10243	6515	5053	2153
STRIPS, OVER $1/LB	309.2100 & .2500 *	420	229	220	306	255	3267	2427	1547	2069	1689
SUBTOTAL ABOVE		**20004**	**19614**	**18934**	**23832**	**20248**	**34396**	**36654**	**33379**	**41801**	**30828**
STAPLE - NYLON	309.4338	2364	1698	23576	11503	13207	2455	2365	25067	10488	10785
- POLYESTER	309.4342	3087	1344	6649	7257	4960	2020	1184	4289	4791	3110
- ACRYLIC	309.4345	13047	13296	10465	7851	6248	9925	11509	10179	6777	5507
- OLEFIN	309.4346	57	144	1134	627	619	54	146	638	638	457
- OTHER	309.4355	15766	14574	10666	10853	4545	8998	9779	7798	6744	3542
GROUPED FILAMENTS											
NYLON	309.3030 & .3130	719	1022	2175	7620	9795	924	1364	2625	11385	13978
POLYESTER	309.3040 & .3140	44	129	336	56	346	36	137	541	160	410
ACRYLIC	309.3050 & .3150	2910	2608	3434	4438	2899	3694	4331	7181	8313	5563
OTHER	309.3065 & .3165	1325	753	2082	882	422	1348	1126	2965	1247	476
SUBTOTAL ABOVE		**39319**	**35568**	**60517**	**51087**	**43041**	**29454**	**31941**	**61283**	**50543**	**43828**
WASTE, NOT ADVANCED - NYLON	309.6625	12843	11658	25255	22190	10835	2811	2899	8358	8275	4479
- POLYESTER	309.6630	3333	5936	18111	11187	5162	470	1004	3640	1944	922
- ACRYLIC	309.6645	2395	2358	2872	932	229	587	726	999	274	58
- OTHER	309.6660	1568	965	2969	2530	1852	461	305	844	689	722
NOILS & GARNETTED FIBERS	309.6000 & .7000 *	3	4	85	55	98	6	3	54	34	42
OTHER WASTE, ADVANCED	309.7525 - .7555	984	625	536	851	1564	313	360	366	471	699
SUBTOTAL ABOVE		**21126**	**21546**	**49828**	**37745**	**19740**	**4648**	**5297**	**14261**	**11687**	**6922**
TOTAL MAN-MADE FIBER ABOVE		**111052**	**95675**	**157280**	**133494**	**93593**	**97598**	**98620**	**138086**	**126189**	**92166**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1106	2	0	25	2	+	16	0	41	10	1
- NONCELLULOSIC	310.1015[d] & .1109[e]	2196	1378	3385	5315	3587	2955	2141	5774	7806	5141
OTHER -CELLULOSIC	310.1030 & .1135[f]	25	97	21	146	51	56	334	108	240	132
- NONCELLULOSIC	310.1050 & .1070[g]	300	389	373	979	1294	949	1347	763	1789	2031
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	585	508	659	325	461	1126	1225	1522	756	930
- OTHER	310.4015 & .4027[i]	20300	19387	18599	22056	14794	30821	33114	32603	40264	24593
OTHER YARNS - NES, INCL CHENILLE	310.6029 - .8000	3748	2320	4117	3107	2197	11607	8196	12852	9649	4894
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	2561	2260	2797	2277	1534	8347	7793	10681	9170	5574
SLIVER, TOPS & ROVING	309.9000	6453	2708	3622	2626	2814	3584	2034	2801	2977	2944
TEXTILE GLASS FIBER	309.2800 & .2900[j]	10353	7350	18212	14100	10025	6124	6453	12914	10114	6588
GRAND TOTAL ABOVE		**157575**	**132072**	**209090**	**184427**	**130350**	**163183**	**161257**	**218145**	**208964**	**144994**

SOURCE: U.S.Census Bureau Report IM146.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1983									9 MONTHS	
	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	1983	1982
CELLULOSIC YARN, MONOFIL & STRIPS											
BRAZIL	0	30	30	30	0	0	59	29	29	207	109
CANADA	208	341	88	121	0	92	115	79	224	1268	355
MEXICO	73	52	16	92	39	229	117	78	160	856	875
AUSTRIA	41	289	219	138	249	316	42	23	0	1317	1457
GERMANY, FED. REP. OF	93	103	134	79	141	65	153	442	430	1640	1677
NETHERLANDS	11	71	43	0	96	58	21	34	77	411	373
UNITED KINGDOM	0	10	0	25	28	87	16	101	59	326	0
JAPAN	18	6	60	3	50	15	70	27	115	364	263
ALL OTHER COUNTRIES[a]	40	48	3	10	15	4	24	5	46	195	541
TOTAL CELL. YARN	**484**	**950**	**593**	**498**	**618**	**866**	**617**	**818**	**1140**	**6584**	**5650**
CELLULOSIC STAPLE+TOW											
CANADA	442	346	225	425	556	444	380	550	495	3863	1692
AUSTRIA	0	158	95	0	76	531	76	153	210	1299	2961
FRANCE	0	0	56	0	18	1	0	3	0	78	87
SWEDEN	0	187	213	307	420	505	321	522	209	2684	3629
UNITED KINGDOM	2	0	64	38	41	76	0	66	58	345	565
JAPAN	134	174	151	178	199	165	157	48	148	1354	1172
TAIWAN	5	22	0	0	69	0	0	0	0	96	12
ALL OTHER COUNTRIES[b]	0	1	0	2	16	36	1	0	40	96	572
TOTAL CELL. STAPLE	**583**	**888**	**804**	**950**	**1395**	**1758**	**935**	**1342**	**1160**	**9815**	**10690**
NONCELLULOSIC YARN, MONOFIL & STRIPS											
CANADA	752	426	734	662	705	829	678	680	666	6132	3464
MEXICO	17	289	421	257	439	243	304	307	989	3266	164
FRANCE	157	210	165	120	98	190	56	128	160	1284	1029
GERMANY, FED. REP. OF	636	574	397	562	547	584	502	319	626	4747	4683
ITALY	88	11	37	106	401	255	358	53	470	1779	358
NETHERLANDS	1	34	11	81	6	17	48	3	17	218	51
SPAIN	153	92	31	127	32	286	248	34	134	1137	1
SWITZERLAND	47	122	74	96	59	106	40	67	15	626	120
UNITED KINGDOM	36	444	173	351	457	99	291	184	84	2119	327
ISRAEL	64	298	74	117	26	111	108	16	86	900	7
JAPAN	810	902	590	888	1234	687	1182	844	538	7675	4752
REP. OF KOREA	6	7	3	84	104	52	173	52	71	552	20
TAIWAN	13	49	25	1	3	58	18	29	19	215	45
ALL OTHER COUNTRIES[c]	68	10	13	33	27	44	106	216	414	931	977
TOTAL N.C. YARN	**2848**	**3468**	**2748**	**3485**	**4138**	**3561**	**4112**	**2932**	**4289**	**31581**	**15998**
NONCELLULOSIC STAPLE+TOW											
CANADA	278	400	491	274	838	1183	775	464	683	5386	4097
COSTA RICA	0	0	0	49	42	42	27	91	305	556	0
MEXICO	1197	475	437	294	810	995	810	778	1426	7222	1234
BELGIUM	6	72	2	34	2	36	17	19	76	264	105
FRANCE	1250	340	687	779	659	665	409	582	300	5671	4626
GERMANY, FED. REP. OF	936	1250	1941	1712	1104	2052	1774	862	862	12493	6057
ITALY	421	1918	608	2105	325	666	348	478	410	7279	3317
NETHERLANDS	0	38	49	93	52	28	75	77	143	555	350
SWITZERLAND	0	0	0	55	2	9	42	38	22	168	76
UNITED KINGDOM	233	736	816	1392	2099	1824	1429	1724	1143	11396	1904
AUSTRALIA	0	91	0	0	0	0	0	0	0	91	29
ISRAEL	0	55	57	0	0	0	0	0	0	112	60
JAPAN	933	513	1174	1083	779	1282	1353	1171	1560	9848	5292
REP. OF KOREA	0	40	0	40	0	95	40	40	41	296	33
TAIWAN	381	449	524	346	38	158	74	184	185	2339	7396
ALL OTHER COUNTRIES[d]	0	0	7	91	29	75	354	154	307	1017	1087
TOTAL N.C. STAPLE	**5635**	**6377**	**6793**	**8347**	**6779**	**9110**	**7527**	**6662**	**7463**	**64693**	**35663**

Other countries supplying 1983 poundages are:

a. People's Republic of China 9, France 49, Italy 19, Rep. of Korea 80, Sweden 9, Taiwan 7 and Yugoslavia 22.

b. Australia 1, Fed. Rep. of Germany 57, German Dem. Rep. 1, Mexico 4 and Romania 33.

c. Australia 12, Austria 35, Belgium 14, Denmark 2, Costa Rica 15, Iceland 16, Ireland 45, Portugal 45, Romania 83, South Africa 576, Sweden 53 and Thailand 35.

d. Austria 28, Denmark 38, Finland 1, Ireland 39, Norway 265, Portugal 11, Romania 451, South Africa 89, Spain 7, Sweden 12, Turkey 41 and Yugoslavia 35.

U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMODITY NUMBER AS OF 1/1/83	1983 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	9 MONTHS 1983	1982
CELLULOSIC FIBERS												
YARN - SINGLES												
TEXTURED	310.0106 & .0206	129	72	5	0	+	50	0	0	0	256	153
OTHER	310.0130 & .0230[a]	355	866	585	464	580	770	576	734	1075	6005	5489
MONOFILAMENTS	309.0510 & .0610	0	0	0	+	0	0	24	0	0	24	2
STRIPS, $1/LB & UNDER	309.2000 *	0	12	3	34	38	46	17	84	65	299	6
SUBTOTAL ABOVE		**484**	**950**	**593**	**498**	**618**	**866**	**617**	**818**	**1140**	**6584**	**5650**
STAPLE	309.4320 & .4325	553	818	740	882	1324	1679	930	1236	1090	9252	9597
GROUPED FILAMENTS	309.3010 & .3110	30	70	64	68	71	79	5	107	70	564	1093
SUBTOTAL ABOVE		**583**	**888**	**804**	**950**	**1395**	**1758**	**935**	**1343**	**1160**	**9816**	**10690**
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510	41	0	41	0	95	0	0	38	0	215	359
NONCELLULOSIC FIBERS												
YARN - SINGLES												
TEXTURED - NYLON	310.0109 & .0209	284	338	271	266	445	501	329	242	387	3063	2850
- POLYESTER	310.0110 & .0210	79	40	1	20	127	125	73	144	284	893	416
- OTHER	310.0114 & .0214	853	364	674	602	655	794	726	622	714	6004	2325
OTHER - NYLON	310.0149 & .0249	305	1337	744	1016	1383	934	1279	795	1328	9121	3431
- POLYESTER	310.0150 & .0250	962	998	637	1023	1029	918	1334	874	1207	8982	4003
- OTHER	310.0170 & .0270[b]	158	268	244	342	367	122	141	138	93	1873	1487
MONOFILAMENTS	309.0200 & .0300[c]	155	108	144	168	73	119	156	76	229	1228	1230
STRIPS, OVER $1/LB	309.2100 & .2500 *	52	15	33	48	59	48	74	41	47	417	256
SUBTOTAL ABOVE		**2848**	**3468**	**2748**	**3485**	**4138**	**3561**	**4112**	**2932**	**4289**	**31581**	**15998**
STAPLE - NYLON	309.4338	1176	2537	1854	3072	2050	2518	2041	2320	1688	19256	6741
POLYESTER	309.4342	1522	361	934	689	621	833	1064	924	2005	8953	5406
ACRYLIC	309.4345	643	784	879	1040	1133	1769	1682	941	1339	10210	5038
- OLEFIN	309.4346	106	3	203	133	92	82	53	26	95	793	381
- OTHER	309.4355	796	660	929	978	342	840	487	405	490	5927	9208
GROUPED FILAMENTS												
NYLON	309.3030 & .3130	1052	1072	1502	1608	2035	2526	1544	1382	1111	13832	4756
POLYESTER	309.3040 & .3140	+	5	6	175	101	59	30	94	317	787	28
ACRYLIC	309.3050 & .3150	324	881	416	570	311	397	613	463	384	4359	3426
OTHER	309.3065 & .3165	16	74	70	82	94	86	13	107	34	576	679
SUBTOTAL ABOVE		**5635**	**6377**	**6793**	**8347**	**6779**	**9110**	**7527**	**6662**	**7463**	**64693**	**35563**
WASTE, NOT ADVANCED - NYLON	309.6625	1197	1344	2092	1917	2281	2004	2395	2727	2584	18541	17891
POLYESTER	309.6630	572	1339	909	809	677	856	1324	1151	1371	9008	8518
- ACRYLIC	309.6645	45	130	0	54	0	0	0	0	40	269	894
- OTHER	309.6660	266	129	118	443	491	405	250	203	156	2461	2286
NOILS & GARNETTED FIBERS	309.6000 & .7000 *	0	0	0	26	31	41	0	31	31	160	21
OTHER WASTE, ADVANCED	309.7525 - .7555	280	162	399	408	56	259	0	1	+	1565	398
SUBTOTAL ABOVE		**2360**	**3104**	**3518**	**3657**	**3536**	**3565**	**3969**	**4113**	**4182**	**32004**	**30008**
TOTAL MAN-MADE ABOVE		**11951**	**14787**	**14497**	**16937**	**16561**	**18860**	**17160**	**15906**	**18234**	**144893**	**98368**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD												
YARN - PLIED												
TEXTURED - CELLULOSIC	310.1106	0	0	0	0	0	+	0	1	0	1	2
- NONCELLULOSIC	310.1015[d] & .1109[e]	590	626	603	416	575	777	665	641	881	5774	3236
OTHER - CELLULOSIC	310.1030 & .1135[f]	41	0	3	0	2	5	1	5	8	65	136
- NONCELLULOSIC	310.1050 & .1070[g]	221	184	567	98	122	102	129	160	214	1797	569
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	49	49	84	29	87	163	54	172	73	760	215
- OTHER	310.4015 & .4027[i]	2220	1846	2421	2337	3082	2888	3184	2165	2563	22706	16477
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	375	193	325	329	417	558	164	120	134	2615	2303
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	229	269	257	218	235	326	85	185	122	1926	1638
SLIVER, TOPS & ROVING	309.9000	352	326	667	424	511	534	530	413	189	3946	2205
TEXTILE GLASS FIBER	309.2800 & .2900[j]	1145	1604	2008	2347	1657	1264	939	1987	1378	14329	10711
GRAND TOTAL ABOVE		**17173**	**19884**	**21432**	**23135**	**23249**	**25477**	**22911**	**21755**	**23796**	**198812**	**135860**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1983 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1983	1982
MAN-MADE FIBER DATA[c]						**TOTAL SHIPMENTS[b]**								
YARN+MONOFILAMENTS[d]														
ACETATE	**15.1**	**15.7**	**20.4**	**18.8**	**19.7**	**21.3**	**18.5**	**21.9**	**19.0**	**18.0**			**188.4**	**170.6**
NYLON[e] · INDUSTRIAL[f]	20.8	23.5	25.7	25.9	25.6	23.8	23.4	26.6	30.6	32.1			258.0	267.9
· LOW DENIER INDUSTRIAL[g]	2.5	2.4	2.9	2.5	3.0	3.0	2.4	3.1	3.1	3.2			28.1	24.4
· CARPET	45.4	48.4	56.3	60.2	66.0	76.4	61.2	71.1	71.4	66.8			623.2	485.0
· TEXTILE	27.8	30.4	34.3	33.3	33.9	32.5	28.5	32.8	31.5	32.0			317.0	275.4
POLYESTER · INDUSTRIAL[f]	24.0	23.6	25.4	25.4	27.1	29.0	21.5	26.4	27.4	25.9			255.7	242.3
· LOW DENIER INDUSTRIAL[g]	1.9	1.7	2.0	2.1	2.6	2.4	1.7	2.7	2.1	2.4			21.6	18.4
· TEXTILE	73.9	82.8	90.6	93.1	92.5	85.9	71.9	83.4	84.0	83.3			841.4	781.4
OLEFIN[h]	51.2	55.0	58.3	60.5	64.0	63.9	59.5	64.1	66.7	57.2			600.4	494.3
TOTAL NONCELLULOSIC ABOVE[i]	**247.5**	**267.8**	**295.5**	**303.0**	**314.7**	**316.9**	**270.1**	**310.2**	**316.8**	**302.9**			**2945.4**	**2589.1**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**29.5**	**26.6**	**30.9**	**29.6**	**29.5**	**35.6**	**30.6**	**37.1**	**32.0**	**30.9**			**312.3**	**297.8**
NYLON[e]	64.8	63.5	71.0	76.6	82.8	87.8	71.2	85.2	82.8	79.5			765.2	571.1
ACRYLIC+MODACRYLIC	49.3	52.2	59.9	59.5	58.0	56.7	47.5	57.5	58.2	52.6			551.4	530.9
POLYESTER	154.2	172.1	191.4	181.2	189.3	192.3	154.6	197.0	208.3	184.3			1824.7	1615.8
OLEFIN+VINYON	11.4	14.3	14.7	15.2	15.7	15.1	13.8	16.6	17.3	18.8			152.9	120.8
TOTAL NONCELLULOSIC ABOVE	**279.7**	**302.1**	**337.0**	**332.5**	**345.8**	**351.9**	**287.1**	**356.3**	**366.6**	**335.2**			**3294.2**	**2838.6**
						END-OF-MONTH STOCK								
YARN+MONOFILAMENTS														
ACETATE	**10.2**	**10.0**	**9.8**	**10.2**	**11.8**	**12.2**	**13.6**	**12.3**	**14.1**	**15.3**			**15.3**	**11.4**
NYLON[e] · INDUSTRIAL[f]	26.4	24.1	23.3	23.2	23.4	25.4	28.4	30.8	24.8	23.1			23.1	33.8
· LOW DENIER INDUSTRIAL[g]	3.4	3.7	4.4	5.0	5.1	4.7	4.9	4.4	5.1	4.8			4.8	3.8
· CARPET	54.2	53.6	51.3	50.1	48.2	40.5	47.7	45.5	44.2	49.0			49.0	57.1
· TEXTILE	40.5	39.2	38.3	37.8	35.3	36.2	38.2	37.9	39.3	39.3			39.3	39.2
POLYESTER · INDUSTRIAL[f]	27.2	27.5	27.7	26.1	25.3	21.2	23.1	23.3	21.3	20.4			20.4	26.5
· LOW DENIER INDUSTRIAL[g]	3.5	3.6	3.4	3.1	2.4	2.3	2.6	2.4	2.7	2.6			2.6	2.3
· TEXTILE	66.8	69.2	64.3	64.4	68.5	73.8	89.6	78.8	79.8	85.6			85.6	77.9
OLEFIN[h]	57.1	56.9	56.9	52.9	53.3	55.4	55.0	54.6	55.4	56.3			56.3	57.6
TOTAL NONCELLULOSIC ABOVE[i]	**279.1**	**278.1**	**270.1**	**262.6**	**261.5**	**259.5**	**289.5**	**277.7**	**272.6**	**281.1**			**281.1**	**298.2**
STAPLE+TOW+FIBERFILL														
RAYON	**29.6**	**31.2**	**31.5**	**32.1**	**34.3**	**28.9**	**27.3**	**21.4**	**21.3**	**23.4**			**23.4**	**33.7**
NYLON[e]	52.0	54.9	57.0	54.1	55.3	44.7	54.1	55.0	57.9	60.3			60.3	60.3
ACRYLIC+MODACRYLIC	60.2	61.4	56.0	55.0	59.5	60.2	67.9	68.4	65.8	63.1			63.1	70.8
POLYESTER	178.4	174.2	162.1	161.1	154.1	158.6	185.1	181.6	160.4	176.4			176.4	174.3
OLEFIN+VINYON	19.2	17.8	17.6	16.2	15.3	14.5	14.2	15.8	16.7	16.8			16.8	20.3
TOTAL NONCELLULOSIC ABOVE	**309.8**	**308.3**	**292.7**	**286.4**	**282.2**	**278.0**	**321.3**	**320.8**	**300.8**	**316.6**			**316.6**	**325.7**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	10.8	11.5	13.6	11.5	12.5	15.2	9.8	12.8	13.0				110.7	92.3
CARPET CLASS WOOL	0.9	0.6	1.1	0.6	1.1	1.2	0.8	0.6	1.2				8.1	7.7
TOTAL RAW WOOL	11.7	12.1	14.7	12.1	13.6	16.4	10.6	13.4	14.2				118.8	100.0
RAW COTTON	213.2	228.1	255.6	227.0	244.1	241.6	185.7	262.8	241.7				2099.8	1861.3

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 37 of the March issue.

e. Data for nylon exclude aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 37 of the March issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 37 of the March issue.